MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY, 1932

J. A. BROWN, DIRECTOR

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NOV 5 1932
WEATHER BUREAU

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JULY 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	56.4	56.1	55.7	56.1	30.2	21.3	26.7	29.4	23.8	26.6
2	4.6	4.8	4.7	4.7	30.2	21.3	27.5	28.9	23.2	26.5
3	4.5	5.4	5.8	5.2	30.3	20.4	26.8	28.9	23.8	26.5
4	6.0	5.9	6.0	6.0	30.0	20.1	26.1	29.6	23.8	26.5
5	5.4	4.8	4.6	4.9	30.0	20.9	26.1	28.9	23.7	26.2
6	55.0	54.9	54.7	54.8	30.4	20.3	27.0	29.3	23.8	26.7
7	4.3	3.9	4.1	4.1	30.5	21.3	27.2	29.3	24.2	26.9
8	3.4	3.5	4.0	3.6	30.1	21.8	28.0	29.4	24.8	27.4
9	4.9	4.8	5.1	4.9	31.0	21.2	27.6	29.6	24.2	27.1
10	5.3	5.2	4.9	5.1	31.1	21.2	26.9	30.5	25.3	27.6
11	55.8	55.2	55.0	55.3	31.6	22.1	28.0	30.6	24.9	27.8
12	4.2	3.4	2.9	3.5	31.7	22.8	28.2	30.8	24.9	27.9
13	2.3	1.5	1.0	1.6	31.4	23.8	28.2	30.8	25.2	28.1
14	1.9	1.9	1.9	1.9	30.8	23.3	28.2	29.9	24.8	27.6
15	2.1	1.6	2.4	2.0	31.1	22.1	27.3	29.9	24.7	27.3
16	53.6	53.3	54.7	54.0	31.3	21.7	28.5	30.9	24.6	28.0
17	6.6	6.1	5.7	6.1	30.6	21.9	26.6	29.9	24.6	27.0
18	7.7	6.7	6.8	7.1	31.8	23.3	28.3	30.9	26.1	28.4
19	7.7	5.2	4.5	5.8	32.2	23.4	28.6	31.3	26.6	28.8
20	4.3	3.1	2.4	3.3	32.2	24.8	28.8	31.4	27.0	29.1
21	53.3	53.5	52.6	52.8	32.6	24.5	29.4	32.2	27.4	29.6
22	3.9	3.6	4.0	3.8	34.3	25.5	30.1	32.7	30.2	31.0
23	3.1	3.9	3.9	3.6	33.3	26.7	30.8	32.9	26.8	30.2
24	5.9	3.0	5.0	4.6	33.1	25.7	29.6	31.8	26.6	29.3
25	3.9	1.8	0.9	1.2	32.9	24.9	29.3	32.3	26.9	29.5
26	50.6	51.1	51.3	51.0	32.1	24.2	27.9	31.3	25.9	28.3
27	3.2	3.3	3.3	3.3	32.3	23.5	28.4	31.6	25.8	28.6
28	3.8	3.9	3.8	3.8	32.4	23.4	29.0	31.7	26.3	29.0
29	3.8	3.3	3.5	3.5	32.6	23.9	28.7	32.1	26.1	29.0
30	3.2	3 3	3.7	3.4	32.8	23.8	29.3	31.3	26.2	28.9
31	3.5	3.2	3.6	3 4	32.3	24.8	28.9	32.4	26.7	29.3
	754 32	753.89	753.95	754.05	51.58	22.86	28.12	30.72	25.44	28.08

Barometer, Range for month 750.6-757.7 m.m.

,, 50-yr. average for month 755.697 m.m.

Thermometer, Range for month 20°.1-34°.3 C.

,, 50-yr. average for month 27°.83 C.

Rain, total for month 0.0 m.m.

,, , 50-yr average for month 0.51 m.m.

,, , total Sept. 1st to end of month 515.09 m.m.

,, , 50-yr. average, Sept. 1st to end of month. 907.05 m.m

JULY 1932

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	22.7	23.3	21.1	17.3	16.6	16.5	16.8	67	55	74	65	10.0	
2	25.9	23.4	23.4	23.4	17.2	21.4	20.7	86	58	100	81	13.0	
3	21.6	25.8	21.2	15.4	21.9	16.8	18.0	58	74	74	69	13.3	
4	24 8	23.8	22.0	22.0	17.4	18.3	19.2	88	56	82	75	13.0	
5	22.6	22.7	21.4	17.5	15.9	17.2	16.9	69	53	79	67	13.0	
6	22.2	23.1	20.9	16.3	16.4	16.3	16.3	61	54	75	63	13.5	
7	22.1	22.6	21.0	15.9	15.6	16.1	15.9	59	52	71	61	12.8	
8	22.9	23.2	22.1	16.9	16.6	17.6	17.0	60	54	76	63	12.8	
9	22.9	23.8	22.1	17.2	17.5	18.0	17.6	63	57	81	67	13.1	
10	23.3	24.6	22.7	18.3	18.3	18.5	18.4	69	56	77	67	13.3	
11	24.2	25.1	23.5	19.2	19.2	20.3	19.6	68	59	86	71	13.2	
12	24.0	25.4	23.4	18.7	19.6	20.1	19.5	66	59	86	70	12.9	
13	23.2	24.6	22.7	17.2	18.0	18.5	17.9	61	55	77	64	12.6	
14	23.6	24.3	22.3	17.9	18.1	18.0	18.0	63	58	77	66	10.5	
15	23.3	30.2	22.7	18.0	18.8	19.0	18.6	68	59	82	70	13.0	
16	23.9	25.0	22.6	18.4	18.8	18.7	18.6	63	56	82	67	13.1	
17	22.7	24.4	22.6	17.5	18.3	18.8	18.2	67	58	82	69	11.7	
18	23.9	25.4	24.1	18.4	19.6	20.5	19.5	64	58	82	68	12.7	
19	25.0	26.1	24.8	20.4	20.5	21.7	20.9	70	60	84	71	11.1	
20	24.8	26.2	24.7	19.9	20.7	21.1	20.6	67	59	81	69	10.2	
21	25.6	26.7	24.9	21.1	21.3	23.3	21.9	68	59	86	71	13.0	
22	26.1	29.6	23.7	21.7	27.6	16.9	22.1	68	74	53	65	12.7	
23	25.1	27.6	25.1	20.0	23.1	22.7	21.9	59	62	84	68	12.7	
24	24.7	26.8	24.8	19.1	21.7	21.7	20.8	61	62	84	69	12.9	
25	24.9	25.7	23.8	18.7	18.9	19.3	19.0	62	53	73	63	12.1	
26	22.6	25.8	22.6	16.4	20.1	19.6	18.7	58	59	78	65	11.5	
27	23.8	22.6	23.5	18.3	14.3	19.6	17.4	64	40	79	61	12.7	
28	24.4	25.8	23.6	18.9	19.0	19.4	19.1	64	54	76	65	13.0	
29	24.7	26.1	23.8	19.8	20.0	20.1	20.0	68	56	80	68	12.7	
30	24.7	25.7	24.0	19.2	19.8	20.3	19.8	64	58	80	67	12.3	
31	24.8	26.1	24.4	19.7	19.9	20.8	20.1	66	55	80	67	12.2	
	23.90	25.19	23.11	18.70	19.05	19.25	19.00	65.8	57.5	79.4	67.5	12.46	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

JULY 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1cu	0	0	0.3	2sw	2sw	2sw	317.0	mod.	
2	0	4ci	0	1.3	3sw	1w	0	466.5	„	
3	0	3stcu	0	1.0	1s	1sw	0	360.4	„	
4	1stcu	0	0	0.3	0	0	0	165.7	light	
5	3stcu	0	4stcu	2.3	0	0	0	139.0	„	
6	0	1stcu	0	0.3	1w	1sw	0	358.8	„	
7	1cu	0	0	0.3	2sw	1sw	0	443.1	mod.	
8	2stcu	1cu	8stcu	3.7	1sw	2s	0	505.0	„	
9	2stcu	0	1stcu	1.0	1sw	1w	0	343.1	light	
10	3stcu	0	0	1.0	0	0	0	195.0	„	
11	1cu	0	0	0.3	0	0	0	346.2	calm	
12	1cu	1cu	0	0.7	2sw	1sw	2sw	639.2	rough	
13	1cu	1st	1cu	1.0	3sw	1sw	1sw	639.0	mod.	
14	1cu	4stcu	4stcu	3.0	1sw	1sw	0	516.0	light	
15	0	1cu	0	0.3	1sw	0	0	341.3	„	
16	1cu	0	0	0.3	1w	1w	0	385.0	calm	
17	4stcu	0	0	1.3	1w	1w	0	101.4	„	
18	1cu	0	6cu	2.3	0	0	0	75.0	„	
19	4stcu	0	0	1.3	0	1w	0	102.0	„	
20	1cu	0	3cu	1.3	0	0	0	101.0	„	
21	1cu	0	0	0.3	0	0	0	115.2	„	
22	0	0	0	0.0	0	1sw	0	260.1	light	
23	0	0	0	0.0	2sw	2sw	2sw	823.0	rough	
24	0	0	0	0.0	2sw	1sw	1s	685.0	mod.	
25	0	0	0	0.0	2sw	2sw	1sw	941.9	rough	
26	5cu	1cu	1cu	2.3	1sw	1sw	0	519.0	v. rough	
27	0	1cu	0	0.3	0	1w	0	85.0	mod.	
28	0	1cu	0	0.3	0	1w	0	164.3	calm	
29	1cu	1cu	0	0.7	1w	1w	0	364.0	light	
30	0	1cu	1cu	0.7	2w	1w	1w	573.9	stormy	
31	0	1cu	1cu	1.0	3w	1w	0	660.0	„	
				0.99	1.0	0.9	0.3	378.4		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	3	10	6	0	12
14:30	0	0	0	0	1	11	11	0	8
20.30	0	0	0	0	1	5	2	0	23
Totals	0	0	0	0	5	26	19	0	43

Number of days with rain 0, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 0.2